Philosophical Transactions

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II. *An Account of* Mr Sam. Brown *his* Fifth Book *of* East-India Plants, *with their* Names, Vertues, Description, *&c. By* James Petiver, Apothecary *and* Fellow *of the* Royal Society. *To which are* addcd *some* Animals *sent* him *from those parts.*

THese *Plants* were gathered at *Salawacka* and *Keraputta Kaudoo*, about 30 *Miles* from *Madraſs*, among *Stony* ground, *Hills* and *Mountains*, the colour of the *Earth* like *ruſt* of *Iron*: there are ſome *moiſt* places, but the *ground* is generally *dry* and *hard*.

Collected from the 23d of *July* to the firſt of *Auguſt* 1696. *S B.*

180. Viſne crantee *Malab.* 180.

Convolvulus *Biſnagaricus* Myoſotidis folio. Pluk. *Tab.* 9. *Alſines* facie myoſotis *Biſnagarica* fruteſcens floſculis pallide flaveſcentibus *Pluknet.* Phytograph. *Tab.* 9. Fig. 1. *Fig.* 1. *H.* Mal. *v.* xi. Tab. 64. *p.* 131. *Fl.* Mal. 85. 2. id. *fol.* 22. 1. 2.

an Viſtnu Clandi *Hort.* Malab. *Vol.* xi. Tab. 64. p. 131. Convolvulus *Indicus* minor, *Alſines* folio, flore rubicundo purpureo *Comel.* in *Hort.* Malab. Vol. xi. p. 132. Flor. *Malab.* Fol. 22. Col. 1 pl. 2. *id.* p. 85. 2. *an* Auricula Muris *Camelli* Mſs.

The *Flowers* of this Plant are *Blue*, and not of a *pale yellow*, as *Dr Plukenet* aſſerts. The *Decoction* is good in *Hectick* Fevers, *Conſumptions*, &c. Which the *Hort. Malab.* confirms, being bovl'd with *Cummin.*

181. *Pan-neer* Marum *Malab* 181.

Arbor Salawaccenſis *Catappæ* Malabaricæ *folio*, flore extus ſe riceo.

Theſe *Leaves* are roundiſh, large, and broadeſt towards the top, in ſhape very like the *Katappers* or *Indian Almond* menti- *H. Mal. V.* 4. oned by *Nieuhof* in his *Itinerary*: It is alſo very well *deſcribed* *Tab.* 3. *p.* 5. and *Figured* in the *Hort.* Malab. *Vol.* 4. Tab. 3 and 4. p. 5. under the *Malabar* name of *Ada-maram* or *Saros.*

The *Flowers* grow in *Cluſters* Umbelwiſe, *viz.* ſeveral at the end of a long pedicle.

Is about 8 or 10 foot *high*; *thick* as ones Arm. The *Decoction* of the *Root*, *Leaves*, *Bark*, &c. cures the Running of the *Reins*, and Sharpneſs of *Urine*. S. B.

S. B. 182. Keela nellee *Malab.*

182. Nirouri *Salawaccenſis* minor, *Abrus* folio.

Pluk. *Tab.* 183. *Fig.* 5. *an* Fruticulus capſulāris hexapetalos, *Caſſiæ Poetarum* foliis brevioribus ſubrotundis & denſius ſtipatis *Pluk.* Phyt. *Tab.* 183. fig. 5. *Alm.* Bot. 159 pl. 8. lin. 19. *an* Kirganeli *Malab.* Bajan Anvali *Bram* Hort. Malab. V. 10. Tab. 15. p. 29. Vitis Ideæ affinis, flore hexapetalo ex albicante *Çomel.* in *H. Mal.* V. 10. p. 31. Fl. *Malab.* p. 274. 2. *id.* Fol. 69. 1. 10.

Alm. Bot. 159. *pl.* 8. *l.* 19. *H. Mal. v.* 10. *Tab.* 15. *p.* 31.

The whole Plant ground and made into Pills, and 2 or 3 of them taken night and morning cures *Yellow Jaundice* and *Fevers*: the ſame mixt with Milk cures the *Gonorrhea*; mixt with a little *Turmerick* it cures the *Itch* and *Ringworms*: 'Tis alſo good in *Hecticks* and *Conſumptions*. S. B.

S. B. 183. *Manmerrellee*-maraum *Malab.*

183. Here are the ſpecimens of two, if not 3 different Plants, however *Dr Plukenet* hath in his *Mantiſſa* p. 170. (*not according to his wonted Cuſtom*) reduc'd them all to one.

Is about 6 foot *high*, and *thick* as ones wriſt; a *Drink* of the *Leaves* and *Bark* cures Cholerick Vomitings, 3 or 4 Spoonfuls is a *Doſe*, and gives 2 or 3 Stools. *S. B.*

S. B. 184. *Nauvel*-maraum Malab.

184. Pimenta *Malabarica* Caryophylli aromatici folio.

Pluk. *Tab.* 274. *Fig.* 2. Alm. *Bot.* 88. 5. *H.* Mal. *v.* 5. *Tab.* 29. *p.* 57. Ray *H. Pl.* 1499. *c.* 22 *Fl.* Mal. 49. 3. *id. Fol.* 13. 1. 6. Pluk. *Tab.* 274. *Fig.* 2.

Caryophyllus langueſcente vi aromaticus *Malabarienſis*, folio & fructu maximo *Pluk.* Tab. 274. fig. 2. *Alm.* Bot. 88. 5. Perin Njara *ſeu* Inanel. *Malab.* Mandaneka *Brach.* Grano de gato *Luſit*, Katers-ballen *Belg.* Hort. *Malab.* V. 5. Tab. 29. p. 57. Baccifera *Malāb.* fructu umbilicato Pruniformi unico intus nucleo *Ray* H. Pl. 1499. c. 22. *Flor.* Malab. 49. 3. *id.* fol. 13. 1. 6.

I wonder, ſince *Dr Plukenet* in his *Almageſtum* Botanicum *Tab.* 274. fig. 2. had given ſo good a Figure of this, yet when he came to ſee it in this *Collection*, ſhould ſo ſoon quite forget it, as appears in his *Mantiſſa* pag. 39. where he not only gives it a New name, but falſly makes it the *Belutta Kanelli* of the 5th *Volume* of the *Hort. Malab.* which is a different Plant.

This *Tree* is about 30 foot *high*, and about a foot *diameter*; The *Fruit* when ripe are *dark purple* almoſt *black*, as big as *Grapes* and taſte like *Sloes*; they have a large *Kernel* or *Core*, which is not incloſed in a Shell, the taſte of that is not pleaſant,

ſant, but harſh and bitter, therefore thrown away; this *Kernel* is more than half the Fruit. The *Bark* of the Tree boyl'd and the Decoction drank cures all *Fluxes*, alſo the *Dyſentery* and *Gonorrhea*. This *Fruit* is good to eat, and all over this Coaſt by *Engliſh* and *Portugueſe* are call'd *Jambolins*: I believe they are the ſame that *Garcias* 236. and *Parkinſon* 1636. call by the ſame name *Jangomas* I don't know, except it be the ſame with the *Manſanas*, viz. *Ber* and *Bor*. S. B.

N. B. *The* Jambolins *of* Garcias *and* Parkinſon *ſeem very different from this Tree.*

S. B.

185. Peren-calla *Malab.* 185.

Kara *Salawaccenſis* major, fol. longiore venoſo. *H. Mal. v.*

an Ben. Kara *Malab.* Gali ſeu Babouli *Brach.* Eſpinho d'urſo *Luſit.* Aapel dorn *Belg.* Hort. *Malab.* V. 5. *T.* 35. p. 69. Baccifera *Indica* floribus ſpicatis, fructu rotundo nigricante, polyſpermo *Ray* H. Pl. 1494. c. xi. Fl. *Mal.* 47. 3. Fol. 12. 2. 5.

Tab. 35. *p.* 69. Ray *H. Pl.* 1494. 11. *Fl. Mal.* 47. 3. *id. Fol.* 12. 2.

This differs from S. B. 62. in having its *Leaves* much larger, and ſharp-pointed, ſome as big as Bay-leaves and as broad.

This is a bigger ſort of S. B. 62. Its Vertue the ſame with that; The *Fruit* of this is a pleaſant acid taſte, makes good ſweet Meat and Gelly, altogether as good as *Currans*, they are of a fine *Red* when half ripe, and *Black* when full ripe: The *Natives* eat theſe greedily, but I cannot hear they uſe them in *Phyſick*: The *Natives* commonly call the *Fruit* Callacca. Some count *Pecala* S. B. 161. a *Species* of this. S. B.

S. B.

186. *Shala*-maraum *Malab.* 186.

Rus trifoliatæ facie Frutex *Salawaceenſis* floribus Juliformibus *Muſ. Petiver.* 678. an *Molago* maram *Malab.* Miriſato *Brach.* Arbore da pimiento falſo *Luſit.* Wild Peeper boom *Belg.* Fl. *Mal.* V. 5. Fig. 25. p. 49. Baccifera *Indica* trifolia, fructu rotundo Monopyrêno, pediculo longo *Ray* H. Pl. 1593. c. 18. Fl. *Mal.* 43. 5. *id.* Fol. 11. 2. 8.

Muſ. Petiv. 678. *H. Mal. v.* *Tab.* 25. *p.* 49. Ray *H. Pl.* 1593. *c.* 18.

If *Dr Plukenet* has the aforeſaid *Molago-maram*, as he aſſerts in his *Almag. Bot.* 94. pl. 7. he would be very kind to ſhow wherein it differs from this and his *Jamaica* Plant, *Figured* Tab. 267. *Icon.* 4. tho in his *Almageſt* p. 48. *lin.* 4. he confounds it under *Figure* 1.

Fl. Mal. 43. 5. *id. Fol.* 11. 2. 8. Alm. *Bot.* 94. 7. Alm. *Bot.* 48. *l.* 4.

Grows 10 or 12 *foot* high, *thick* as ones Arm. A *Drachm* of the Powder of the whole Plant taken, cures the Bites of a *Venemous Horſe-Fly*, which the *Natives* call *Wandoo-gudee*; it's alſo good againſt the bites of other *Inſects*. S. B.

188. *Maudalan*-chedde Malab. The *Pomegranate*.

Granata vulgaris *Officinarum*. Granata *Fonſt.* Dendr. 28. Tab.

Granata & Punica *Offic.* Dale *Pharm.* 413.

Grenadier *Pomet* Hiſt. *Generale* des *Drogues* part 1. p. 180. l. 8. c. 6. *Fig.*

Malus *Granata* ſeu Punica *Ger.* 1262. *Fig.* opt. 1. *id.* emac. 1450. *Fig.*

Malus Punica *Chabr.* 3. Fig. 5. *IB.* l. 1. 76. c. 17. Fig. *Prodr.* 3. 3. Geſn. Hort. Germ. 267. Malus Punica ſativa *C. B.* 438. 1. *Park* 1510. Fig. *id.* Part. 528. 1. Fig. 429. 4. Malus Punica ſava, aliis ſimplici flore Cat. Pl. *Jam.* 201.

Malum Punicum *Lob.* Obſerv. 564. Fig. 1.

Punica malus *Lugd.* 303. Fig. *Cord.* in *Dioſc.* 22. cap. 152.

189. Mella Kurni *Malab.*

Chamælea *Malabarica* trifoliata ſpinoſa *Muſ. Petiver.* 41.

Frutex baccifer *Indicus* ſpinoſus trifolius, floribus ſpicatis, fructu plano rotundo tricocco *Ray* H. Pl. 1612. c. 6.

Kaka-Toddali *Malab.* Boriti *Brach.* Eſpinho do Ladrano *Luſit.* Praatkens *Belg.* Hort. *Malab.* V. 5. F. 41. p. 81. Fl. *Mal.* 119. 6. *id.* Fol. 30. 2. 6. *Kaka-Toddali* forte *Malabarica* ex oris *Cormandel* Pluck. *Tab.* 95. f. 5. Alm. *Bot.* 292. pl. 3.

Grows about 6 foot *high*, and 2 or 3 fingers *thick*: The *Bark*, *Leaves* and *Berries* boyl'd in Butter, and about half a dram of it given to young Infants cures the *Carpaun*, Scab and Itch; the *Bark* of the *Root* ground and made into Pills, and 5 or 6 taken night and morning expels Wind and helps *Gripes*, the Decoction of the *Wood* is good for the *Pox* and *Rheumatiſm*: The *Natives* boyl the *Root*, *Bark*, *Leaves* and *Grains* in *Gingelee Oyl* (which I think is *Seſamum*) and drink 3 or 4 ſpoonfuls night and morning for the *Pox* and *Rheumatiſm* with good ſucceſs. This Plant is wholly *Aromatick*, in *Root*, *Bark*, *Leaves* and *Berries*, which I fancy rather exceeds than comes any thing behind *Juniper-berries*. S. B.

190. *Pautan*-chedde *Malab.*

Paccifera racemoſa *Madraſpatana* Juglandis folio, nigris maculis eleganter aſperſis. *H. Un.* 5. Act. Phil. No 244. p. 315. 5. *an* Cupi *Malab.* Cita-Mataki. Bram. Hort. *Malab.* V. 2. Tab. 23. p. 37. Frutex *Indicus* baccifer, floribus umbellatis fructu rotundo polyſpermo *Ray* H. Pl. 1494. c. 10. *Fl.* Mal. 123. 2. *id.* Fol. 31. 2. 3.

This differs from *H. Un.* 15 and *S. B.* 12 in having its *Leaves* thinner, leſs veiny and not ſo ſtiff, the ribs from the middle of the

188. *Dale* 413. *Pom.* p. 1. 180. l. 6. c. 6 *Fig.* *Ger.* 1262. *Fig.* 1. *Id.m.* 1450. *Fig. Chabr.* 3 *Fig.* 5. *I.B. l.* 1. 76. c. 17. id. *Pr.* 3. 3. *C.B.* 438. 1. *Park.* 1510. *Fig. Pl.* Jam. 201. Lob. *Obs.* 564. *Fig.* 1. Lugd. 303. *Fig.*

S. B. 189. *Muſ.* Periv. 41. Ray *H. Pl.* 1612. *c.* 6. *H.* Mal. *v.* 5. *Tab.* 41. *p.* 81. *Fl.* Mal 119. 6. id. *Fol* 30. 2. 6. Pluk. *Tab.* 95. *Fig.* 5. Alm. *Bot.* 202. 3.

S. B. 190. *H.* Un. 5. *Act* Phil. *No.* 244. *p.* 315. 5. *H.* Mal. *V.* 2. *Tab.* 23. *p.* 37. Ray *H. Pl.* 1494. *c.* 10. *Fl.* Mal. 123. 2. id. *Fol.* 31. 2. 3.

the Leaf extending to the edges, whereas the other are loſt in the leſſer capillary Veins before they reach the ſides: The *Flowers* are larger, and the ſtyle exerts it-ſelf near an inch above it, whereas in the other they are not to be ſeen, but in thoſe whoſe *petala* are reflext, which they frequently are.

Grows 4 or 5 foot *high*, *thick* as ones Wriſt or more, the Natives make *Atchars* of the *Berries*, (i. e. *Pickle* them) the Decoction of the *Bark* of the root, cures the *Gonorrhea* and ſharpneſs of *Urine*, *S. B.*

S. B. 191.

191. *Vela* Cacuanha *Malab.*

Clitorius *Malabaricus*, fl. albo. *The white* Clitorian *Flower.* Alm. *Bot.* 294. Phaſeolus alatus *Ternatenſium* floribus albis *Alm. Botan.* 294. 5. l. 20. Schanga-cuſpi *Malab.* Gocarni *Bram.* Fabas de Brhamanne Luſit ſmalt Kruid *Belg.* H. Malab. V. 8. Tab. 38. p. 69. *Ray* H. Pl. 890. 30.

5. *H. Mal. v.* 8. *Tab.* 38 *p.* 69. Ray *H. Pl.* 890 30.

Phaſeolo adfinis *Glyzyrrhizæ Germanicæ* foliis *Orientalis* flore amplo albo *P. B.* pr. 365. 1. Clitorius Flos albus *H. A. Lugd.* 162. 6. Fl. *Mal.* 213. 3. *id.* Fol. 54. 1. 3. *H. Un.* 20. Act *Phil.* No. 244. p. 323. 20.

Fl. Mal. 213 3. *id. Fol.* 54. 1. 3. *H Un.* 20. *Act. Phil. No.* 244 *p.* 323. 20.

192. *Carpa* Cacuanna *Malab.*

S. B. 192.

Clitorius *Malabaricus* fl. cæruleo. *Blew* Clitorian *Flower*

Phaſeolus *Indicus* cæruleus *Glycyrrhizæ* foliis alatis fl. amplo clitorio. *Alm. Bot.* 294. 4. l. 17. *Indicus* Glycyrrhizæ foliis flore cæruleo amplo *ſive* Flos Clitoridis *Breyn.* Prodr. 1 p. 43. 7. *Hort.* Amſt. 276. 1. Phaſeolo adfinis *Glyzyrrhizæ Germanicæ* foliis *Orientalis* flore amplo cæruleo. *P. B.* pr. 364. 6. Clitorius Flos cæruleus *H. A Lugd. B.* 162. 5. Flos Clitoridis *Ternatenſibus* Breyn. *Cent.* p. 76. c. 31. Fig. *H. Un* 19. Act. *Phil.* No 244. p. 322. 19.

Alm *Bot.* 294. 4. *Br. pr.* 1. *p.* 43. 7. *Hort.* Amſt. 276. 1. P. B *pr.* 364. 6. *H* Lugd. *B.* 162. 5. Breyn. *Cent.* 76. *l.* 31. *Fig.* *H. Un.* 19. *Act* Phil. *No* 244 *p.* 322. 19 *H.*

Scanga cuſpi *altera Species* H. Malab. V. 8. p. 70. Catarodu *Zeyl.* Creuck *Javan.*

Mal. *v.* 8. *p.* 70.

This and the laſt differ only in the colour of their *Flower*, this being blue, that white, which are expreſt in their *Malabar* names.

Both theſe are a foot and a half, or 2 foot *high*. The *white* operates more gently than the other, but they both *Purge* and *Vomit* alſo: yet the Natives give it every, or every other day to their Children, being ground with Water, for 'tis hard to powder. (I mean the *Root*, for that only is of *Uſe*.) 'Tis an Excellent Medicine in *Fluxes*, *Jaundice*, *Cachexie*, &c. The *Natives* give it every day to *Pocky Children* with excellent ſucceſs; and they ſay that if the *White Flowers* be rubb'd in the palm of the

the hand of either Man or Woman, and they immediately rub that hand on the hand of any perſon they have a mind to enjoy, it will make them conſent, and be very fond: But I have no Faith for ſuch Trifles. *S. B.*

S. B. 193. 193. *Cheta* paulum *Malab.*

P. B. pr. 312. 3. Pluk. Tab. 134. Fig. 3. Pl. Jam. 205. Ray H. Pl. 1650. 1. H. Mal. v. 3 Tab. 29. p. 21 Fl. Mal. 17. 7. id. Fol. 5. 1. 17.

Anona folio obtuſiore, fructu glanduloſo conoide. *an* Anona *Indica* pomo viridi *P. B.* pr. 312. 3. *lin.* 12. Anona *Indica* fructu ex viridi & luteo cortice ſquamato aſpero nucleis nigricantibus parvis *Pluk.* Tab. 134. *Fig.* 3 Anona foliis odoratis minoribus, fructu conoide ſquamoſo parvo dulci *Cat. Pl.* Jam. 205. Pomifera *Indica* fructu conoide ſquamoſo viridi *Ray* H. Pl. 1650. 1. Ata maram & Manil jaka *Malab.* Atoa, Manil panoſou & Jona jaka *Brach.* Atas & Atocira *Luſit.* H. Mal. V. 3. Tab. 29. p. 21. Fl. *Mal.* 17. 7. ſ. ult. *id.* Fol. 5. 1. 17. ſ. ult.

The *Fruit* of this the *Engliſh* call *Cuſtard Apple*, the *Portugueſe* Atta, it hath a rugged rind, and is as big or bigger than one's Fiſt, is very mellow and ſoft, and taſtes like *Cream* and *Sugar*. S. B.

S. B. 193. 1. 193. 1. *Ata* paulum *Malab.*

Pluk. Tab. 134. Fig. 4. P. B. pr. 312. 2. Pl. Jam. 204. H. Mal. v. 3 Tab. 30. p. 23 Fl. Mal. 17. 6. id. Fol. 5. 1. 16.

Anona folio acutiore, fructu majore. *an* Anona *Indica* anguſtifolia, fructu cæruleo cortice ſquamato glabro *Pluk.* Tab. 134. Fig. 4? Anona *Indica* pomo cæruleo *P. B.* pr. 312. 2. l. 9? Anona maxima foliis oblongis anguſtis, fructu maximo luteo conoide, cortice glabro in areolas diſtincto *Cat. Pl.* Jam. 204? Anona maram & Parangi Jaca *Malab.* Tſyna panoſou *Bram.* Anona *Luſit.* H. Mal. V. 3. Tab. 30 & 31. p. 23. Fl. *Mal.* 17. 6. *id.* Fol. 5. 1. 16.

The *Fruit* of this is Ruſſet or Reddiſh, ſmooth and ſweeter than the laſt, and as big as 2 Fiſts, the *Leaves* bigger and longer, and *Flowers* ſweet: Neither of them ſerve for Phyſick, but are accounted wholſome Fruit. *S. B.*

S. B. 194. 194. Terai *Malab.*

Pluk. Tab. 130. Fig. 5. Alm. Bot. 21 10. H. Mal. v. 10. Tab. 24. p. 47.

Spergula *Salawaccenſis* foliis inequalibus latioribus & ſubrotundis, alis foliorum floreſcens.

Alſine *Indica* quadrifolia & quinqueſolia, floſculis longiori pediculo inſidentibus *Pluk.* Tab. 130. Fig. 5. *Alm.* Bot. 21. pl. 10. *an* Kaipa Tſijra *Malab.* Codivi vaſii *Bram.* H. *Mal.* V. 10. Tab. 24. p. 47.

This has a ſweetiſh ſmell, but bitter taſte, it trails on the ground, and is a little larger than the next. The *Natives* ſay it gives a very pleaſant taſte to their *Carrais*, for which they uſe it much. *S. B.*

195. 1.

194. 1. Commen Terai *Malab.* S. B.

Spergula Anthylloides villoſa *Salawaccenſis.* 194. 1.

The *Natives* make a Decoction of this with a little round *Pepper* and *Tamarind*, which they drink and waſh their mouths with, when they have a ſweetiſh taſte and want an Appetite; it alſo ſtops *Vomiting*. S. B.

195. Paran Tulſcee *Malab.* S. B. 195.

Ocimum *Salawaccenſe* Menthæ folio.

Here are 4 ſorts of this, *viz.* *Tulſcee*, cappore *Tulſcee*, Nai *Tulſcee* and this *Black Tulſcee*, they all ſeem to be ſpecies of *Bazil*; the Juice of them mixt with Sugar the *Natives* give to Infants when they can't digeſt their *Milk*. A Decoction of the 4 ſorts they give for *Feavers*, *Coughs* and *Aſthma's*. S. B. S. B. 196.

196. Vella caunjerrie *Malab.*

Ricinus *Malabaricus* Urticæ folio. Pluk. *Tab.* 120. *Fig.* 5. *Alm.* Bot. 321. 3. *H. Ox.* S. 10. p. 349. 24. Ray *H. Pl.* 160. 2. *H. Ox. S.* 11. *p.* 435. 7 *Tab.* 24. *Fig.* 7. *H. Mal. v* 2. *Tab.* 37. *P.* 73. *Fl. Mal.* 276. 8. *id. fol.* 69. 2. 22. *H. Un.* 9.

Ricinus Altheæ folio molli & incano *Maderaſpatanus* Pluk. *Tab.* 120. Fig. 5. *Alm.* Bot. 321. 3. *H. Ox.* S. 10. p. 349. 24. Urtica fruteſcens *Malabarica* Schorigenam *dicta* Ray *H. Pl.* 160. 2. Urtica major *Indica* tricarpos folio mucronato *Schorigenam* Hort. *Malab.* H. *Ox.* S. xi. p. 435. 7. Tab. 24. Fig. 7. Schorigenam *Malab.* Pitta Gaſurculi *Bram.* H. Mal. V 2. Tab. 39. p. 73. Fl. *Mal.* 276. 8. *id.* Fol. 69. 2. 22. H. *Un.* 9. Act *Phil.* No. 244. p. 317. 9.

The Natives call this *White Nettle*, they have another leſſer ſort here, which they call *Carpa caunjeriie*, i. e. *Black Nettle*; they make a Powder of theſe which they give in Milk for *Hecticks*, *Aſthma's* and *Coughs*, as alſo for ſtoppage of *Urine*. S. B.

197. *Pulea* chedde *Malab.* The *Tamarind* Tree. S. B. 197.

Tamarindus vulgaris *Officinarum.*

Tamarindus *Ger.* em. 1607. *Park.* 237. c. 35. Fig. *Ray* H. Pl. 1748. c. 9. *C B.* in *Matth.* 191. Fig. *Cam.* 166. 1. *Lugd.* app. 9. Fig. H. *Lugd. B.* 588. 3. l. 10. 206. *Adv.* 439. *Obſ.* 602. Fig. *Ferr.* Fl. 385. *Fragos.* 53. c. 23. Cat. pl. *Jam.* 147. *Herm.* 82. *I.B.* V. 1. lib. 12. p. 422. Fig. *id.* pr. 32. 7. *Chabr.* 90. Fig. 1. 2. *Veſling.* 13. *Garz.* 119. c. 28. *Claſ.* Ex. 196. c. 28. & 271. c. 21. *Offic.* Dale 507. 8.

Tamarindus *Derelſile* appellata *Alpin.* Ægypt. 15. c. 10. Fig.

Tamarins *Pomet.* part 1. L. 7. p. 22. c. 31. Fig.

Siliqua *Arabica* quæ *Tamarindus CB.* 403. 3.

Balam Pulli ſeu Maderam Pulli *Malab.* Sinza *Bram.* H. *Mal.* V. 1. Tab. 23. p. 39. Fl. *Mal.* 259. 12. *id.* Fol. 65. 2. 13.

Ger. *em.* 1607. Park. 237. c. 35. *Fig.* 1. Ray *H. Pl.* 1748. c. 9. *C B.* in *Matth.* 191. *Fig.* Cam. 166. 1. Lugd. *app.* 9. *Fig. H. L. Bat.* 588. 3. Lob. *Adv.* 439. *Obſ.* 602. *Fig.* Ferr. *Fl.* 385. Fragos. 55. c. 23. *Pl. Jam.* 147.

This

Hern. 83. I. B. *v.* 1. *l.* 12. *p.* 422. *Fig.* id. *pr.* 32. 7. Chabr. 90. *Fig.* 1. 2. Veſling. 13. Gar. 119. *c.* 28. Clus *Ex.* 196. *c.* 28. & 271. *c.* 21. Dale 507. 8. Alp. *Æg.* 15. *c.* 10. *Fig.* Pomet. *p.* 1. *l.* 7. *C. B.* 403. 3. *H.* Mal. *v* 1. *Tab.* 23. *p.* 39.

This is the *Tamarind Tree*, whoſe Fruit is well known: it's a large Tree 40 or 50 foot *high*, and about 2 foot *diameter*. The *Natives* with the fume of the powder of the Root cures Piles and old Ulcers, the skin or rind of the Seed in powder is a moſt excellent Remedy in a Gonorrhea after purgation; it alſo ſtops all ſorts of Fluxes, and in Dyſenteries infallible. A Decoction of the Leaves cleanſes and heals green Wounds and Ulcers; the Juice of the Leaves cures inflamations of the Eyes and Opthalmias; the Fruit is well known to temper the heat of the Blood, with the Leaves, which the Natives uſe in all their Diet. S. B.

S. B.

198.

198. Chegga pu melleha Malab.

Schetti Malabar. foliis Laurinis venoſis.

Breyn. *Pr.* 2. *p.* 58. 3. *l.* 10. P. B. *pr.* 342. 5. Ray *H. Pl.* 1573. *c.* 13. Pluk. *Tab.* 109. *Fig.* 2. Pluk. *Tab.* 59. *Fig.* 2.

Jaſminum arboreſcens *Indicum* flore tetrapetalo umbellato phæniceo, foliis Laurinis latioribus *Breyn.* Pr. 2. 58. 3. l. 10. Jaſminum *Zeylanicum* flore parvonino *Herm.* Ceraſus umbellata pavonina floribus coccineis *Ejuſd.* Br. 2. 58. Jaſminum *Indicum* Laurifolio inodorum umbellatum floribus coccineis *P.B.* pr. 342. 5. Frutex baccifer *Malabaricus* fructu calyculato rotundo rubro polypyreno *Ray* H. Pl. 157. 3. c. 13. Jaſminum *Indicum* Lauri folio inodorum umbellatum floribus albicantibus *Pluk.* Tab. 109. Fig. 2. & Jaſminum *Indicum* Lauri folio inodorum umbellatum floribus coccineis *Pluk.* Tab. 59. fig. 2.

Dr *Plukenet* has here confounded this, by making 2 ſeveral Plants of it, whereas it really is but one, as may be ſeen by the differing Leaves of this Specimen, ſome being broad, others ſharp pointed, which laſt variety he makes the *Bem Schetti* Hort. Malab. V. 2 *Tab.* 14. p. 19 which differs from it, both in the make of the *Leaf*, as well as ſhape of the *Flower*.

H. Mal. v. 2. *Tab.* 14. *p.* 19.

Schetti *Malab.* Pada Cali *Bram.* H. *Malab.* V. 2. Tab. 13. p. 17. Fl. *Mal.* 142. 7. *id.* Fol. 36. 1. 16. Ratambala *Zeylon.*

H. Mal. v. 2. *Tab.* 13. *p.* 17. *Fl. Mal.* 142. 7. *id. Fl.* 36. 1. 16.

Is about 6 or 7 foot high, and thick as ones arm, bears no *Fruit* (is an Error) nor has the *Flower* any ſmell, the *Bark* and *Leaves* the Natives beat and eat with *Rice* for Pains of the *Back* and *Joints*, *Knees* eſpecially. *S. B.*

S. B.

199.

199. Vuſha coodee *Malab.*

Chabr. 126. *Fig.* 6. Ger. *em.* 1598. Ray. *H. Pl.* 730. 29. *Cat. Pl. Jam.* 58. 4. *C B.* 398. 6. *H.* Mal. *v.* xi. *Tab.* 60. *p.* 123. *Cam.* 135. 1. *Fig.* 40 I. B. *v.* 2. *l.* 15. 177. *Fig.*

Quamoclit *Inliæ utriuſq; Violæ aquaticæ* folio. *Quamoclit* foliis tenuiter inciſis & pennatis *Inſt.* Rei *Herb.* 116. 1. *Quamoclit* 1. B. V. 2. l. 15. p. 177. c 45. Fig *id.* pr. 39. 4 El. *Bot.* 95. *Cam* 135. Fig 10. *Quamoclit*, Planta nova *Indica*. Jaſminum ſive Gelſeminum *Americanum* pennatum flore ſanguineo quorundam *Chabr.* 126. Fig. 6. *Quamoclit* S. Convolvulus pennatus

tus *Ger.* em. 1598. Tan ſi *Herb.* noſt. *Chin.* Tab. 4. Fig. 1. *Ray* H. Pl. 730. 29. *Muſ.* Pet. 48. *Cat.* Pl. *Jam.* 58. 4. *CB.* 398. 6. 123. H. *Mal.* V. 11. Tab. 60. p.

This Climer is not uſed that I know in *Phyſick*, but the *Natives* rub the juice on their Wives heads, to make them love them. *S. B.*

200. Mannalekai *Malab.*

S. B. 200.

Spergula *Salawaccenſis* ſpicata, ex alis foliorum florifera.

Is 2 or 3 foot *high*, the *Root* a Finger thick, which with the branches ground with Water, and applied warm, is ſucceſsfully uſed by the *Natives* to pains in the *Head*, *Neck* and *Eyes*. 'Tis bitteriſh. S. B.

201. Mooellee *Malab.*

S. B. 201. Pluk. *Tab.* 51. *Fig.* 2. *Cat. Pl. Jam.* 69. 2. *Cat. H.* Amſt. 276. *Alm.* Bot. 292. 1. *H. Mal. vol.* 8. *Tab.* 43. *p.* 83. *Fl. Mal.* 210. 1. *id. fol.* 53. 1. 11.

Phaſeolus *utriuſque Indiæ* foliis rotundis.

Phaſeolus maritimus purgans, rad. vivaci, foliis craſſis ſubrotundis *Biſnagaricus* Pluk. *Tab.* 51. Fig. 2. *Phaſeolus* maritimus rotundifolius, flore purpureo, ſiliqua brevi criſtata, ſem. fuſco ſtriato *Cat. Pl.* Jam. 69. 2 *an* Phaſeolus maritimus *Indicus* perennis trifoliatus ſubrotundus, ſiliqua longa, faba fuſca oblonga *Cat. H.* Amſt. 276. *an* Phaſeolus Braſilicus *Bry* Florileg. *an* Phaſeolus Braſilienſis *Ferrar.* Flor. *an* Phaſeolus *H. Mænofrancofurtenſis* foliis denſis ſubrotundis amplis. *Alm. Bot.* 292. 1.

Catu-Tsjandi *Malab.* Canavali *Bram.* Grao do Boy *Luſit.* Vylebonen *Belg.* H. *Mal.* V. 8. Tab. 43. p. 83. H. *Mal.* 210. 1. *id.* Fol. 53. 1. 11.

This *Climer* ſpreads much, the *Root* is *tuberouſe*, as big as ones fiſt, not long but roundiſh, taken inwardly is *laxative*; ground and outwardly applied Cures Pains and Swelling in the *Knees* and *Buboes*. S. B.

This grows alſo in *Bermuda*, where its call'd *Poyſon* beans, or *Loes* beans, from his being poyſoned by them, as my Ingenious Friend *Mr John Dickinſon* there informs me.

202. Chellendenai *Malab.*

S. B. 202.

Milium *Salawaccenſe* grano minore.

A *Decoction* of the whole Plant is good for the *Thruſh*, being drank a ſpoonful or two for *Children*, but more for elder perſons, the Mouth muſt alſo be waſh'd with it. *S. B.*

203. Yelle-chellendenai *Malab*

Pluk. *Tab.* 193. *Fig.* 3. *Alm.* Bot. 180. 10. *l.* 27.

Adhatoda *Salawaccenſis* Clinopodii folio.

Gratiolæ affinis *Madraſpatana* Digitalis æmula, folio Clinopodii, capſulis in verticillas poſitis Pluk. Tab. 193. Fig. 3. Alm. Bot. 180. 10. l. 27.

S. B. 204. Muſ. Pet. 662. H. Mal. v. 12. Tab. 3. p. 7. H. Malab. 194. 1. id. fol. 49. 1. 12.

The *Decoction* is good for a *Thruſh*, and uſed as the laſt, but this is better. *S. B.*

204. Madel velladee *Malab.*

Orchides epidendron *Salawaccenſis* Viſci folio. *Muſ. Pet.* 662. *Orchis* aizoides abortiva *Malabarienſis*, foliis obtuſis, flore aureo odorato *Com.* in *H. Mal.* V. 12. p. 8. Fl. *Mal.* 194. 1. *id.* Fol. 49. 1. 12.

Ponnam pou Maravara *Mal.* Sovanna Pouſpa *Bram.* Goudblom *Belg.* H. *Mal.* V. 12. *Tab.* 3. p. 7.

S. B. 205. S. B. 57. Act. Phil. No 267. p. 703. 57. H Leyd. 168. pl. ult. Chabr. 82. Fig. 6. I B. v. 1. l. 11 p 384. Fig. 1. id. pr. 31. pl. 7. Cat. pl. Jam. 141. Ray. H. Pl. 926. c. 4.

Is about a foot *high*; ſtops the too great Flux of *Urine*, with White Sediment, by taking one *dram* of the powder for a few days night and morning; the *Decoction* cures the *Gonorrhea*. S. B.

205. Auverre chedde *Malab.* Nila chettu *Gent.*

Indigo vera *Coluteæ* foliis *utriuſque Indiæ* S. B. 57. Act. *Phil.* No 267. p. 703. 57. I have there given you its ſeveral *Synonims*, with a deſcription of its *Leaves*, *Flowers* and *Podds*, which laſt grow ſtraiter the riper they are.

This is *Nil* or *Anil*. The *Decoction* expels Wind, and is very good for lying in Women, provokes the *Lochia* if ſtopt, cures that dangerous Diſtemper of *Child-bed Women* which the *Natives* call *Janny*: Is *Diuretick*, and good in *Hecticks* and *Conſumptions*, as they ſay, with many other *Vertues*. Here is another ſort of *Nil* (but it makes no *blue colour*) which the *Natives* call *Cale Auveree* chedee, *i. e. Stone Nil*, for it grows on Stony Mountains, has the ſame *Vertue* as the former, but is not ſo ſtrong; the *blue Indigo* in Cakes, rubb'd on the *Pubes*, helps thoſe to *Urine*, who have a ſtoppage of Water. *S. B.*

S. B. 206. Breyn. pr. 2. p. 41. 2. l. 3. H. Leyd. 643. Fig. Pluk. Tab. 173. Fig. 3. Alm. Bot. 9. 1.

206. Arra dudda *Malab.*

Adhatoda *Zeylanica*, foliis *Laurinis* maximis. Dictamno *forte* affinis, *Indica* arboreſcens Lauri Americanæ foliis ſ. Ecbolium *Zeylanicum* foliis Laurinis *Breyn.* pr. 2. 41. 2. l. 3. Adhatoda *Zeylanenſium* Muſ. *Zeyl.* Ecbolium *Græcis*. Wanapala *Malab.* H. Leyd. *app.* 643. Fig. *Pluk.* Tab. 173. Fig. 3. *Alm.* Bot. 9. 1.

S. B. 207. Park. 1636. c. 104. Fig. Acoſt. 286. c. 47. Bont. 102. Fig. Chabr. 8. Fig. 1.

Is about 6 or 8 foot *high*, and *thick* as ones wriſt, the *Root* and *Bark* Cures *Aſtma*, *Cough* and *Fevers*, by drinking the Decoction: the *Natives* boyl the Juice in Butter, and give it both old People and Children for *Cough* and *Fevers*. *S. B.*

207. Tammerten cheddee *Malab.* Carambola.

Carambola *Malabarica* fructu pentagono. Carambolas *Park.* 1636. c. 104. Fig. *Acoſtæ* 286. c. 47. *Bont.* 102. Fig.

Fig. *Chabr.* 8. Fig 1. *Clus.* Exot. 234. c. 15 and 286. c. 47. *IB.* V. 1. l. 1. 117. c. 60. Fig. *id.* Pr. 4. c. 59. *Fragos.* 43. c. 13. *Garc.* 210. c. 15. Ta. Carambolifera *Malabarorum Jonst. Dendr.* 5. Tab. 5. Fig. Mala *Goensia* fructu octangulari, Pomi vulgaris magnitudine *CB.* 433. 2. Malus *Indica* pomo anguloso *Carambolas* dicta *Ray* H. Pl. 1449. 6.

Clus. *exot* 234. *c.* 15. & 286. *c.* 47. IB. *v.* 1. *l.* 1. 117. *c.* 60. *Fig.* id. *pr.* 4. *c.* 59. Fragos. 43. *c.* 13. Garc. 215. *c.* 15. Jonst. *Dendr.* 5 *Tab.* 5. *Fig.* C B. 433. 2. Ray *H. P.* 1449. 6. *H.* Mal. *v.* 3. *Tab.* 43. *p.* 51. *Fl.* Mal. 167. 6. id. *fol.* 42. 2. 6.

Tamara-tonga *Malab.* Carambola *Bram.* & *Lusit.* Vyf hoeken *Belg.* Hort. *Malab.* V. 3. Tab. 43, 44. p. 51. Fol. *Mal.* 167. 6. *id.* Fol. 42. 2. 6. Camarix *Decan.* Camarix & Carabeli *Canar.* Bolimba *Malaiis.* Camaroch *Persis.*

This *Fruit* is 4 inches long, has 5 edges, is very sower, the *Root*, *Bark* and *Fruit* correct *Choler*, but are not used by the Natives here for *Fevers*. S. B.

208. Coode cauvella *Malab.*

S. B. 208. *Mus.* Petiver 613.

Astragalus *Salawaccensis* foliis & siliquis glabris. *Mus. Petiv.* 613. Is a foot or 2 *high*; A *Decoction* of the whole Plant helps *digestion* very much. S. B.

This chiefly differs from *S. B.* 84. in being smooth, that being hoary.

209. Maurel cheddee *Malab.*

S. B. 209. *Mus.* Petiver 661. *H.* Mal. *v.* xi. *Tab* 42 *p.* 83. *Fl.* Mal. 39. 1. id. *fol.* 10. 2. 10.

Nucleifera *Salawaccensis* Pisiformis, Yuccæ folio *Mus.* Petiver. 661. Asphodeli *Indicæ* affinis, floribus hexapetalis spicatis *Comel.* in *H. Mal.* V. 11. p. 83.

Katu Kapel seu Cadenaco H. *Mal.* V. 11. Tab. 42. p. 83. *Fl. Mal.* 39. 1. *id.* Fol. 10. 2. 10.

I cannot conceive why *Dr Plukenet* should make this an Aloes, and more especially since he saw it here in *Fruit*.

It grows about 2 foot *high*, the *Root* as *thick* as ones Finger, yellowish red without, but white within, bites the tongue. Its Decoction cures the *Berberis* or *Dead Palsie*, the Juice of the Leaves cures the noise and pain in the *Ears*, the strings of the Leaves make very strong lines, they resemble those of *Sempervive*, are smooth and spotted with a darker green, there are generally 5 from one Root, besides the Flowring stalk. *S. B.*

210. Turkey auverre Kai cheddee *Malab.*

S. B. 210. *Mus.* Petiver 645.

Fœnum Græcum majus, e *Salawacka* Mus. *Petiver.* 645. Is 4 foot *high*, the Decoction of the whole Plant cures *Cough* and *Astma*, they eat the *Fruit* parched. S. B.

211. Vulerhu *Malab.*

S. B. 211. *Mus.* Petiver 369.

Centaurium minus verticillatis floribus *Malraspat.* Mus. *Pet.* 369.

The Natives ſometimes give the powder of the whole Plant in Urine for *Pox*, *Rheumatiſm* and *Gonorrhea*; it's likewiſe good if taken in Water. *S. B.*

212. Coattakai *Malab.*

S B. 212. *H. Un.* 40. *Act. Phil. No* 244. *p.* 332. 40.

Ricinoides arboreſcens *Madraſpatana* Cotini foliis *H. Un.* 40. Act. *Phil.* No 244. p. 332. 40.

Is 5 or 6 foot high, as thick as ones wriſt, the Decoction of this in *Water* (but the *Natives* do it with *Butter*) cures *Hypochondriack Melancholy* and *Hyſterick Paſſion*: the *Root*, *Bark*, *Leaves* and *Fruit* ſerve for nothing elſe, as the *Natives* ſay. *S. B.*

213. Aucaſhdammaree *Malab.*

S. B. 213. Pluk. *Tab.* 207. *Fig.* 6. Alm. *Bot.* 267. 8. Veſling. 45. *Fig. H. Mal. v.* 11. *Tab.* 32. *p.* 63. *Comel. in H. Mal. v.* 11. *p.* 64. *Fl. Mal.* 240. 7. id *Fol.* 60. 2. 27.

Stratiotes *Madraſpatana* Sedi vulgaris folio.

Nymphea minima *Madraſpatana*, foliis alas Papilionum referentibus *Pluk.* Tab. 207. Fig. 6. *an* Stratiotes *Ægyptia* Dioſcoridis *Veſling.* 45. Fig. *an* Kodda pail *Malab.* Zelo *Bram.* H. Mal. V. 11. Tab. 32. p. 63. Sedum *Indicum* paluſtre, foliis latiſſimis criſpis, floribus albicantibus piloſis *Comel.* in *H. Mal.* V. 11. p. 64. *H. Mal.* 240. 7. *id.* Fol. 60. 2. 27.

This is a Water Plant, when freſh in a minutes time after 'tis chewed, bites the tongue and mouth: A *Decoction* of this preſently cures *Fevers*, *Coughs*, *Aſtma's*, *Hectick* and *Conſumptions*, they generally add to it a few grains of *Pepper*, the *Flower* is white, conſiſts of 4 ſmall Leaves. Grows in *Ponds* and *Wells*, and is not fixt to the ground at bottom by any ſtalk that I could find. *S. B.*

It ſeems to be a Plant, ſwimming or floating on the Water, as the *Hort. Malab.* and *Veſlingius* obſerves theirs to do, it may therefore be eaſily carried by the Wind or Current from one ſide of a Pond to the other, like our *Duck-meat.*

214. Nommenau maram *Malab.*

S. B. 214.

Grows about 30 foot *high*, and 8 or 10 inches *diameter*. The Natives beat the *Root*, *Leaves*, *Flowers*, *Bark* and *Fruit*, and preſs out the Juice, which they boyl in *Butter*, and give a ſpoonful of it for *Hectick*, *Conſumptions* and *Cough*, with ſucceſs; theſe people think *Butter* helps the *Vertue* of *Phyſick*, *Water* not. The *Flower* is a complication of many threads on a ſtalk, which ſoon fall off. S. B.

This *pod* exactly reſembles the *Waga* Madraſpatan. *Senæ foliis ſiliqua lata compreſſa ubi ſeminibus inflata* Muſ. Petiver. 697. and Mr *Browns* deſcription of the *Flowers* exactly agrees with it,

it, which makes me believe it the ſame; and if ſo, theſe *Walnut*-like *Leaves* muſt belong to another Tree. However, *Dr Plukenet* affirms them one, which if he can ſhew contiguous, I ſhould be glad to ſee, *viz.* its Leaves with either Flower or Pod on the ſame Branch.

215. Punangunne *Malab.* S. B. 215.

Perexil Madraſpatana, *foliis oppoſitis anguſtioribus Polygoni* H. Un. 22. *Act.* Phil. no 244. p. 323. 22. *Amarantboides* Madraſpatanum *foliis anguſtis ex adverſo binis, floribus ad nodos verticillatis* Pluk. *Tab.* 132. fig. 6. Alm. *Bot.* 27. 4. l. 10.

H Un. 22. *Act.* Phil. No 244. p. 323. 22. Pluk. *Tab.* 132. *Fig* 6. Alm. *Bot.* 27. 4. *l.* 10.

This reſembles the *Coluppa* Hort. Malab. V. 10. Tab. xi. p. 21. but this takes not Root at every Joint as that does.

The juice of the *Root* put into the Eye, cures *Opthalmia's* and pain, a Poultis of the *Root*, *Branches* and *Leaves* beaten and applied to the *Eye* is alſo good, the *juice* of the *Leaves* rubb'd on the *Head* takes away the pain, and ſtops defluxions of thin *Rheum* by the *Noſe*. The Natives eat the boyl'd *Herb* for the ſame Diſtemper. *S. B.*

H. Mal. v. 10. *Tab.* xi. *p.* 21.

216. Caurai chedde *Malab.* *S. B* 216. *Ray H. Pl.*

Lycium Salawaccenſe *ſpinis binis diſtentis, nucleo gemino vel triquetro.* an *Baccifera* Indica, *floſculis ad foliorum exortum confertis, fructu dicocco* Ray H. Pl. 1497. c. 17. *an* Tsjeroen Kara *Malab.* Canti & Bidani Gali *Bram.* Eſpinho Salſedo *Luſit.* Bitterdoorn *Belg.* H. Mal. V. 5. Tab. 37. p. 73. *Fl. Mal.* 45. 2. *id.* Fol. 12. l. 6.

1497 c. 17. *H.* Mal. *v.* 5. *Tab* 37. *p.* 73. *Fl.* Mal. 45. 2. id. *fol.* 12. l. 6.

If this were new, as *Dr Plukenet* aſſerts in his *Mantiſſa*, he would do well to let us know how it differs from his *Lycium* Maderaſpetanum *Indici* Alpino *putati æmulum, foliis minoribus hiiugis & grandioribus aculeis horridum* Pluk. *Tab.* 97. Fig. 2. & *Alm.* Bot. 234. 8. l. 23.

Pluk. *Tab.* 97 *Fig.* 2. *Alm. Bot.* 234. 8. *l.* 23.

A low Buſh about 2 foot *high*; the Natives cure the Bloody or any other Flux, by giving the *Leaves* fryed in Butter to eat, it alſo helps the *Tenaſmus* and all Gripes: the Decoction of the *Root* does the ſame: They always uſe it alone. *S. B.*

218. Narracucha pillee *Malab.* *S. B.* 218.

Gramen Filiceum Salawaccenſe, *paniculis plurimis ſpicatum.* A Decoction of this with a little *Pepper* cures intermitting *Fevers*. S. B.

219. Eltanee coondo *Malab.*

Eupatorium Salawaccenſe, *Virgæ aureæ folio.* *S. B.* 219

Is about 2 or 3 foot *high*; the *Natives* beat this and a few Corns of *Pepper* together, then ſtrain the Juice, which they mix with Breaſt

Breaſt Milk, and put a little into the *Noſe*, cures the running of it. *S. B.*

S. B. 220. Pluk. *Tab.* 128. *Fig* 3. *Alm. Bot.* 21. 6.

220. Parpauticum *Malab.*

Spergula Roſea multicaulis polyanthos e *Madraſpatan.* *an Alſine* Madraſpat. *Gallii foliis, floſculis communi pediculo ternis* Pluk. *Tab.* 128. Fig. 3. *Alm.* Bot. 21. 6. *Dr Plukenet*, to ſhew his fondneſs in multiplying ſpecies, will have this a *New Plant*, and to differ from the above-mentioned of his, becauſe its ſtalk forſooth has changed colour, and he fancies this grows propt up, and therefore in his *Mantiſſa* p. 9. he thinks himſelf obliged to give it the 2 following names, that it may be known from his other, *viz. Alſine Saxifraga Indiæ Orientalis, foliolis circa caulem radiatis, flore herbido & muſcoſo*; *ſeu Alſine Spergula muſcoſa Indiæ Orientalis, ſurrecta cauliculis albicantibus.* What colour the *Stalks* of his firſt were he mentions not, but in theſe I am ſure he is miſtaken, for they are *yellow*, not *whitiſh*, and therefore it may probably be ſtill the ſame as at firſt; and as for its growing ſurrect, (which ſignifies but raiſed, ſet or lifted upright) I ſee no difference between them; beſides, it's hard to judge by a dry ſpecimen whether it grew along the ground, or was lifted up; but grant this nice poſture ſhould make it diſtinct, I preſume ſo ſmall a peculiarity might not require ſo long a title, but be diſtinguiſht in fewer than 20 words, and thoſe none of the ſhorteſt.

The *Decoction* is an excellent Medicine in *Hectick Fevers* and *Conſumptions*, the Powder mixt with equal weight of *Sugar*, and taken a dram at a time, cures the *Cough* and *Aſtma* in a ſhort ſpace. *S. B.*

S. B. 221. Pluk. *Tab.* 15. *Fig.* 1. Alm. *Bot.* 50. 6. *H.* Ox. *S.* 6. *p.* 5. 2. Pluk. *Tab.* 10. *Fig.* 6. *Alm* Bot. 27. *Pl.* ult. *H.* Mal. *v.* 10. *Tab.* 45. *p.* 89 *Fl.* Mal. 13. 12. id *fol* 4. 1. 18.

221. Maſia pattree *Malab.*

Arthemiſia *Orientalis* vulgaris facie. *Arthemiſia* Chinenſis *cujus Mollugo* Moxa *dicitur* Pluk. *Tab.* 15. Fig. 1. Alm. *Bot.* 50. 6. *H. Ox. S.* 6. p. 5. 2. *Ambroſia* (forſan) *e China*, Anguriæ *foliis accedens* Pluk. *Tab.* 10. Fig. 6. *Alm.* Bot. 27. pl. ult.

an Katu Tsjetti pu *Hort. Malab.* Vol. 10. Tab. 45. p. 89. H. *Malab.* 13. 12. *id.* Fol. 4. 1, 18. *Ambroſiæ* Malab. *Arthemiſia folio odoratiſſimo, floribus flavis Comel.* in *H. Mal.* V. 10. p. 89.

Of theſe and the Leaves of *red Pepper* beat, the Natives make Pills, which cure intermitting *Fevers*, for other things they uſe it, which are needleſs to inſert, for I take it to be, if not the common, yet a ſpecies of *Mugwort.*

222. *E-*

222. *Elippee* Maraum *Malab.* S. B. 222. Muſ. Petiver 610.

Arbor Salawaccenſis *Lauri folio, fructu filo longo terminante, flore ex utriculo quaſi erumente* Muſ. Petiver. 610.

Grows about 20 or 25 foot *high*, and ſometimes 2 foot *diameter*. The *Natives* make *Oyl* of the *Kernels* by Expreſſion, which cures the *Berberis* or *Palſie*, by anointing outwardly, and taking night and morning half a ſpoonful inwardly; 'tis very bitter; the grounds or *Magma* which remains of the Oyl cures the *Piles* by Fumigation: The *Bark* of this Tree (is very thick) bruiſed and put into Water, and ſet out all night in the Dew, and in the morning ſtrained, cures the Running of the *Reins*, by taking a Cup night and morning for a few days: The *Flowers* are round, and do not open, but are hollow, which by pulling off the ſtalk makes a ſort of figure like a *Nut-ſhell* with a hole in it, and a ſmall crown oppoſite to the ſtalk or hole, they are of a reddiſh yellow, ſmell ſweet, and are a pleaſant food, theſe boyl'd in Water and drank cures the *Heart-burn*. S. B.

223. *Varanna* Mullee *Malab.* S. B. 223. H. Un. 13. Act. Phil. No 244. p. 319. 13. P. B. pr. 349. 5. lin. 11. H. Beaum. 28. 3. H. Mal. v. 9. Tab. 41. p. 77. Pluk. Tab. 119. Fig. 5. Fl. Mal. 174. 5. id. fol. 44. 1. 21.

Adhatoda Malabarica *tetracantha* H. Un. 13. *Act.* Phil. No 244. p. 319. 13. *Lycium* Indicum *ſpinis quaternis ad ſingulorum foliorum ortum* Par. Bat. pr. 349. 5. l. 11. *Hort.* Beaum. 28. 3. *Eryngium* Zeylanicum *febrifugum floribus luteis* D. Herm. *Hort. Malab.* V. 9. p. 78. *Melampyro cognata* Maderaſpatana *ſpinis horrida* Pluk. *Tab.* 119. Fig. 5. *Alm.* Bot. 245. pl. ult. *Coletta Veetla* Malab. *Gontua* Bram. *H. Mal.* V. 9. Tab. 41. p. 77. Fl. *Mal.* 174. 5. *id.* Fol. 44. 1. 21. *Kathu Kakarobiti* Zeyl. *Contaſere* Zurrat.

Grows a foot and half *high*: A Decoction of the whole Plant cures the *Dropſy*, *Aſcites* and *Anaſarca*, by provoking much Urine; a ſpoonful of the juice of the *Leaves* drank cures the *Thruſh* or *Aphtha* (which the *Hort. Malab.* alſo confirms) it's alſo good in *Fevers*. S. B.

224. *Telle* cootan *Malab.* S. B. 224. Pluk. Tab 203. Fig. 5. Alm. Bot. 236 1.

Carambu Unaneercoondica *Perſicariæfolio.*

Lyſimachia non pappoſa humilis Maderaſpatana, *Clinopodii Virginiani lutei foliis, fructu Caryophylloide parvo* Pluk. *Tab.* 203. Fig. 5. *Alm.* Bot. 236. 1.

Since which Dr Plukenet *has thought it convenient to give it again as* New *in his* Mantiſſa *pag.* 123. *with the diſtinction of* Hyſſopi foliis, *which makes me alſo believe it the ſame with his* Lyſimachiæ ſpicatæ purpureæ affinis *Hyſſopi foliis e* Maderaſpa-

tan

tan *Pluk.* Tab. 203. Fig. 6. *So that I fear he has made 3 Plants of one, for of near a Thouſand I have ſeen from about* Fort St George, *I have yet met with but this one that has any reſemblance to all his 3; and that it may not alſo be ſuſpected to be a 4th he has, he would be kind to ſhew the* Carambu *Hort. Malab.* V. 2. Tab. 49. p. 95. which he gives us in his *Almageſt.* Bot. 235. *plant. penult.*

H. Mal. v. 2. Tab. 49. p. 95. Alm. Bot. 235. 14. 5. penult. plant.

This grows a Cubit *high*, conſiſting of many ſtraight branches, which riſes at the *Root*, which is a Finger thick: the *Decoction* of this the Natives give to thoſe that have a *Fever* with a *Gonorrhea*, and great ſharpneſs of *Urine*, all which it quickly cures; the two following Plants the *Natives* ſay are akin to this, but I think not. *S. B.*

S. B. 225.

225. Chedde *Cootan* Malab.

Althea Unaneercoondica *floribus parvis ex alis foliorum denſe ſtipatis.*

Dr Plukenet *in his* Mantiſſa *makes this a* Tree Betony; *and if ſo, it's the only one I ever yet ſaw of* 2 *foot high that was not verticilated, but bore its cluſter of* Flowers *on one pedicle, diſtant from the Stalk.*

It grows in very hard ground, 2 foot *high*; the Decoction of this cures a *Gonorrhea* when the *Urine* does not ſcald. *S. B.*

S. B. 226. Pluk. Tab. 172. Fig. 2. Alm. Bot. 126. 5. lin. 13. H. Mal. v. 7. Tab. 44. p. 83. Fl. Mal. 10. 5. id. fol. 25. 2. 17.

226. *Cootan* Malab.

Cuſcuta baccifera Salawaccenſis *fructu coronato.*

an *Cuſcuta baccifera* Barbadenſium *a Maritimis* Pluk. *Tab.* 172. Fig. 2. Alm. *Bot.* 126. 5. lin. 13. an *Cuſcutæ ſpecies creſcens ſupra arbores & plantas* Comel. *in* H. Mal. V. 7. p. 84. an *Epithymum* Luzonis *Majus.* Malabohor *Manillenſibus* Camel. Mſs. *deſcript.* & *delineatione.* Acatsja valli *Malab.* ceu Mudila Tali *Malab.* Medica Tali *Bram.* Ramos daſevi *Luſit.* Meervlecht wortel *Belg.* H. Mal. V. 7. *Tab.* 44. p. 83. Fl. Mal. 100. 5. *id.* Fol. 25. 2. 17.

This I don't know what to term, it has no *Root* on the ground, but draws its nouriſhment from hair-like Roots, here and there inſerted in the branches of the *Trees* it lies on; ground with *Butter-milk*, and a ſmall Cup of it taken night and morning cures the violent ſcalding of *Urine* and *Gonorrhea.* S. B.

We now proceed to the ANIMALS *which I have received from ſeveral parts of* INDIA, viz.

1. *Stella* Chinenſis *perelegans, dupliciter radiata.* Gazophylac. *noſt.* Naturæ *Tab.* 4. Fig. 6. S. B 5. 1. Gaz. *noſt.* Nat. *Tab.* 4. *Fig.* 6.

This has 13 round joynted rays, near 3 inches long, not bigger than a *Packthread*; theſe on the under part are thick ſet with a hairy fringe, between each of theſe larger *radii* comes another much ſmaller, ſmooth, about an inch long, and not bigger than a pin. This and the next *Mr Sam. Brown* ſome time ſince procur'd me from *China.*

2. *Stella* Chinenſis *tetradactylon, capite pulchre venoſo.* S. B. 5. 2.

This has but 4 *rays*, which are like the laſt but ſhorter, *viz.* about 2 inches *long*, the head an inch broad, round, flat, and finely veined with reddiſh and white.

3. *Papilio* Indiæ Orientalis *permaximus nigreſcens, micis cæruleis aſperſis, ſubtus rubedine notatus.* S. B. 5. 3.

This is the largeſt *Butterfly* I have yet ſeen, being full 6 inches between the tip of each Wing. *I take this and the next to be* Male *and* Female.

4. *Papilio* Ind. Orient *permaximus, e nigredine alboque mixtus, humero rubro pernotato.* S. B. 5. 4.

This *differs* from the laſt, only in having a ſhare of white on both ſides its upper wings, and the Scarlet ſpot on the Shoulders are in this ſeen as well above as underneath. My curious Friend *Dr William Sherard* firſt gave me theſe Butterflies, I have ſince met with them in *Mr Goffs* Collection.

5. *Papilio* Javanicus, *ſubtus flaveſcens, venis nigris maculis miniaceis marginatus.* Firſt brought me from *Batavia* by *Mr James Cuninghame*, ſince which my worthy Friend *Mr Edward Bulkley* ſent it me from *Fort St George.* S. B. 5. 5.

6. *Papilio* Madraſpat. *medius, e flavedine & fuſco mixtus, litura cærulea inſignitus.* Gazoph. *noſt.* Natur. *Tab.* 4. Fig. 3. S. B. 5. 6. Gaz. n. Nat. *Tab.* 4 *Fig.* 3.

This is a ſingular Fly, partly compoſed of yellow and brown, with a blue ſpot near the middle of each lower Wing towards the Shoulder.

7. *Papilio* Ind. Orient. *nigreſcens, maculis pallidis umbra cæruleſcente aſperſis.* S. B. 5. 7.

8. *Papilio* Ind. Orient. *fuſcus major, cæruleo notatus, ſubtus nævius, bimaculatus.* S. B. 5 8.

S. B. 5. 9. 9. *Papilio* Ind. Orient. *medius, cæruleſcentibus maculis, ſubtus nævinus.*

Theſe 3 laſt came in *Mr Goffs Collections*, and they are the only ones I have as yet ſeen.

S. B. 5 10. 10. *Papilio* Malaccenſis *fuſcus, ſubtus nævinus, margine oculato.* Mr James Cuninghame *caught this* July 4. A. D. 1700. *near* Pulo Saya *beyond* Banca. *I met with it alſo amongſt* Mr Goffs *Inſects.*

S. B. 5 11. 11. *Phalena* Ind. Orient. *minor fuſca, maculis ex albo-cæruleſcente variantibus.*

S. B. 5. 12. Gaz. n. Nat. Tab. 3. Fig. 3. 12. *Phalena* Ind. Orient. *minor albicans, guttulis ſanguineis & nigris pulchre aſperſis.* Gazoph. *noſt.* Naturæ Tab. 3. Fig. 3.

I am alſo beholden to *Mr Goff* for theſe 2 beautiful Flies; I remember to have ſeen this laſt amongſt *Mr Charlton*'s moſt Curious Collection of *Inſects.*

S. B. 5. 13. 13. *Buccinum* Bengalenſe an *fluviatile ovale, columella tridentata, ore anguſto*

Liſt. *Hiſt.* Conch. *Lib* 1. *Tab* 32. *Fig.* 30. This ſeems pretty well to reſemble the *Buccinum quatuor orbium valde craſſum & ponderoſum* 2 *dentibus ad columella, ore admodum longo & anguſto* Liſt. Hiſt. *Conchyl.* Lib. 1. Tab. 32. Fig. 30.

I firſt receiv'd this from the Bay of *Bengale*, and ſince that from *Batavia.*

S. B. 5. 14. Liſt. *H. C* 2. *Tab.* 143. *Fig.* 37. 14. *Nerita* Javanica *nigreſcens monogyros.* an *Liſt.* Hiſt. *Conch* Lib. 2. Fig. 37. Tab. 143. This very well reſembles *Dr Liſters Figure*, and ſeems to be a *River ſhell.*

S. B. 5. 15. Liſt. *H. C* 3. *Tab.* 241. *Fig.* 78. 15. *Mytulus* Malaccenſis, *ſtriis craſſis verrucoſis.* an *Pectunculus ſtriis magnis & muricatis donatus* Liſt. *Hiſt.* Conch. L. 3. *Tab.* 241. *Fig.* 78.

The largeſt of theſe I have yet met with exceed not *Dr Liſters Figure*, *viz.* 1 inch $\frac{3}{4}$ long, of which the long notcht hinge takes up 1 and $\frac{1}{4}$, it's juſt one inch over. I have had this Shell from *Malacca*, *Batavia* and *Emuy*; Mr *Colvill*, *Surgeon*, hath alſo lately brought it me from *Pulo Verara.*

S. B. 5. 16. *Aldr.* Bon. *Teſt.* 446. & 7 *Fig.* id. *Franc.* 152. *Tab* xi. *Fig* 2. 3. *Muſ. Reg. Soc. p.* 147. 3. *lin.* xi. Jonſt. *Amſt. Aq ex. Tab.* 13. 16. *Tridacna* Ind. Oriental. *ponderoſiſſima & craſſa imbricata.* an *Tridachnes* Aldr. *Bon.* Teſt. 446 & 7. Fig. *id.* Franc. 152. Tab. xi. Fig. 2, 3. *Concha Tridachnes* Jonſt. *Amſt.* Teſt. Tab. 13. *Concha maxima marmorea imbricata* Col. *Obſ.* aq. 9. c. 14. Fig. 12. The *great waved Muſcle Mus: Reg.* Soc. 14 7. 3.

For Bulk, Weight and Thickneſs it's the largeſt Shell I ever ſaw. Mr *Charlton* has a pair of theſe, which weigh near a hundred.

dred pounds. My *Curious* Friend Mr *Sylvanus Landon* brought me one of them from the *Eaſt-Indies*.

Aldrovand *ſays it's call'd* Tridacna, becauſe the Fiſh is not to be eat under leſs than 3 mouthfuls, it has indeed but a ſmall cavity, conſidering the largeneſs of the Shell.

17. *Tridacna* Indiæ Orient. *triquetra, craſſa, ſtriata.* Concha *Indica* Bonan. 109. *Fig.* 81, 82. Pectunculus *major variegatus, profundo ſinu conſpicuus* Liſt. *H. Conch.* L. 3. Fig. 187 & 8. Tab. 349 & 50. The *Figures* of the whole Shell in theſe 2 *Authors* are too ſtiffly repreſented, but the ſingle Valve pretty well reſembles it. Each large ridge is ſtreakt with red, between which are always 2 ſmaller. The foreſaid Mr *Landon* brought me this from the *Iſland of Princes*. *S. B.* 5. 17. Bon. 109. *Fig.* 81. Liſt. *H. C. l.* 3. Fig. 187. 8. Tab. 349. 50.

18. *Balanus* Chinenſis *criſtatus*, Gazophyl. *noſt.* Naturæ Tab. 6. *Fig.* 10. *S. B.* 5. 18. Rond. *aq.* 28.

an *Balanus* Rondelet. *aq.* 28. c. 29. Fig. *Balanus* marina *Jonſt.* Amſt. *aq.* Tab. 15. Fig. 12. *Glans de Mer* Rond. *aq.* Gall. 21. c. 25. Fig. The firſt I ever ſaw Mr *James Cuninghame* brought from *China*, and gave it to our worthy Friend *Dr Grey*, ſince which he hath ſent it me from *Chuſan*, an Iland near *Liampo* in *China*. c. 29. *Fig.* id. *Gal.* 21. *c.* 25. *Fig.* Jonſt. *Amſt. aq. Tab.* 15. *Fig.* 12.

19. *Cochlea* Ind. Orient. *cinerea, lineis ſubrufis undatis.* an *Cochlea albida crebris lineis ſubrufis tranſverſim & undatim ductis depicta* Liſt. H. C. *l.* 4. S. 5. *Tab.* 559. *Fig.* 1. *S. B.* 5. 19. Liſt. *H. C. l.* 4. *ſ.* 5. *Tab.* 559. *Fig.* 1.

My worthy Friend Mr *Walter Keir*, *Surgeon*, obſerved this elegant Shell on the Coaſts of *India* towards *China*.

20. *Cochlea* Bengalenſis *alba, punctis fuſcis.* an *Cochlea clavicula compreſſa, punctis rufis denſe depicta* Liſt. *H. C.* l. 4. S. 5. *Tab.* 564. *Fig.* 11. *S. B.* 5. 20.

I firſt received this from *Bengale*, and ſince from *Malacca*, *Pulo Verara* and *Emuy*.

21. *Cochlea* Emuyaca, *orbibus elatis, pulchre granuloſis.* an *Cochlea ſtriata & muricata* Liſt. *H. C.* l. 4. S. 5. Tab. 575? *S. B.* 5. 21.

The *faſciæ* of theſe are flat and ſmaller granulated then the next.

22. *Cochlea* Emuyaca *granuloſa, ore ſerrato.* *S. B.* 5. 22.

This is properly diſtinguiſht from others by its ſerrated mouth, which ſtanding below the upper edge makes it ſeem a double Shell. Mr *James Cuninghame*, *Surgeon*, obſerved this and the laſt on the *Iſland Emuy* on the Coaſt of *China*.

23. *Cochlea* Malaccenſis *faſciis maculatis elatis.* an *Cochlea ſubviridis maculoſa, ſtriata, umbilicata* Liſt. H. C. l. 4. S. 5. *Tab.* 586. *Fig.* 45. *S. B.* 5. 23. Liſt. *H. C. l.* 4. *ſ.* 5. *Tab.* 586. *Fig* 45.

This Shell hath a ſmall Navel, the inſide Pearly, its *faſciæ* are thick ſet, ſpotted, and in ſome finely ſtriated croſsways, they are alternately big and leſs. Mr *Charles Perry*, *Surgeon*, brought me theſe amongſt a Collection he made me in the *Eaſt-Indies*. I have obſerved one much larger from *Malacca*.

S. B. 5. 24 *Gaz. n. Nat. Tab.* 4. *Fig.* 10.

24. Cochlea *Bengalenſis* ore lacerato, capite ſinuoſo. *Gazoph.* noſt. *Nat.* Tab. 4. *Fig.* 10. an *Cochlea compreſſa fuſca, faſciata, brevior, ſinu longo ad roſtrum notabili* Liſt. H. C. L. 4. S. 5. *Tab.* 577. *Fig.* 32. an *Bonan.* 167. Fig. 385.

This is very remarkable for its ragged mouth and notch in the head. Mr *Stocker* brought me this from the Bay of *Bengale*, with a few other uncommon Shells.

S. B. 5. 25. Liſt. *H. C. l.* 4. *ſ.* 6. *Tab.* 596. *Fig.* 6.

25. *Nerita* Malaccenſis, *nigris ſtriis leviter faſciatus.* an *Nerita nigricans leviter ſulcatus, clavicula parum compreſſa, multis & exiguis dentibus, ad labrum admodum paucis brevibus & acutis ad columellam* Liſt. *H. C.* l. 4. S. 6. *Tab.* 596. Fig. 6.

The faſciated ribs of this are black, and the interſtices Horn or Amber colour. Found on the Shoars of *Malacca* and *Emuy* by Mr *James Cuninghame*.

S. B. 5. 26. Liſt. *H. C.* l. 4. *Sect.* 6. *Tab.* 596. *Fig.* 4.

26. *Nerita* Veraræ, *ex albo-nigroque faſciatus, labro verrucoſo.* an *Nerita admodum tenuis & levis, raris & profundis ſulcis donatus iiſque nigris, ipſa clavicula flaveſcente, 2 tribuſve brevibus dentibus ad columellam, ad labrum omnino edentulus* Liſt. *H. C.* l. 4. S. 6. *Tab.* 596. Fig. 4.

This and the next were brought me from *Pulo Verara* by my kind Friend Mr *Colvil*, *Surgeon*.

S. B. 5. 27. Liſt. *H. C. l.* 4. *S.* 6. *Tab.* 598. *Fig.* 11.

27. *Nerita* Veraræ, *ex albo nigroque faſciatus clavicula compreſſa.* an *Nerita magnus tenuiter ſtriatus, ipſa clavicula & ore interno citrino* Liſt. H. C. l. 4. S. 6. *Tab.* 598. Fig. 11. This differs from the laſt in having its clavicle Flat.

S. B. 5. 28. Liſt. H. C. *l.* 4. *l.* 8 *Tab.* 617. *Fig.* 3. *Bon.* 125. *Fig.* 102. *Col. de* Purp. 14. *c.* 3. *Fig.* 16. Aldr. *Bon.* Teſt. 363. Fig. *id. Francof. Tab.* 8. *p.* 122. *Fig. Jonſt. Amſt. aq. Tab.* xi *Muſ Reg. Soc.* 131. 1.

28. *Trochus ingens ex albo rubroque undatus, ex* Inſula Principis. Trochus *pyramidalis maximus, late radiatus ex rubro* Liſt. *H. C.* l. 4. *Sect.* 8. Tab. 617. Fig. 3. Trochus *magnus & auritus* Bon. 125. *Fig.* 102. Turbo *exoticus umbilicatus* Col. *de* Purp. 14. c. 3. Fig. 16. Trochus *alter pyramidalis* Aldr. *Bon.* Teſt. 363. Fig. *id.* Francof. *Tab.* 8. p. 122. *Fig.* Trochus *pyramidalis* Jonſt. *Amſt.* Aq. *exang.* Tab. xi. *an* Trochus *or the* ſhort Whirle *Muſ.* Reg. *Soc.* 133. 1. This is one of the largeſt Shells of this Family I have yet ſeen, its baſe being between 4 and 5 inches over. Mr *Sylvanus Landon* firſt brought it me from the *Iſland* of *Princes*, and

I have ſince received it from *Pulo Verara*, an *Iſland* in the *Straits* of *Malacca*.

29. *Trochus* Malaccenſis *orbibus muricatis*. S. B. 5 29.
Found in the *Straits* of *Malacca* by Mr *James Cuninghame*.

30. *Trochus* Benghalenſis *clavicula longiſſima*. S. B. 5. 29.
Trochus *pyramidalis fuſcus, ſtriatus, clavicula valde producta* Liſt. H. C. l. 4. S. 8. *Tab.* 624. Fig. 10. Strombus *admodum productus decorticatus, colore margaritifera, tranſverſis ſulcis corrugatus* Bon. p. 124. Fig. 92. Liſt. H. C. l. 4. S. 8 Tab. 624. Fig. 10 Bon. 124. Fig. 92.

This is a peculiar *Trochus*, and the longeſt I have ſeen, being above 2 inches *long*, and but one at the *baſe*. Its *Figures* do very well reſemble it. I received it firſt from *Bengale*, and ſince from *Batavia*.

31. *Trochus* Batavicus *compreſſus perelegans, umbilico ſerrato tortili*. Trochus *planior maculatus, umbilico leviter dentato lævis* Liſt. H. C. l. 4. S. 8. *Tab.* 636. Fig. 24. Trochus *centro latæ concavo*, or the *Concave ſhort Whirle* Muſ. *Regal.* Soc. p. 133. 7. Tab. xi. Fig. d. and u. *Bon.* 116. Fig. 27 and 8. where it is elegantly expreſt. S. B. 5. 31. Liſt. H. C. l. 4. S. 8. Tab. 636. Fig. 24. Bon. 116. Fig. 27 & 8. Muſ. Regal. Soc. 133. 7. Tab. 11.

This is a very curious Shell, and as ſingular for its flatneſs as the laſt was for its length; I have them from ſeveral parts of *India*.

32. *Trochus* Micowaicus *granuloſus, ex rubro late undatus*. S. B. 5. 32.
an *Trochus pyramidalis brevior, ex rubro undatim virgatus, cæterum ſubcæruleus, ſtriis majuſculis nodoſis valde aſper*. Liſt. H. C. l. 4. S. 8. *Tab.* 632. Fig. 19. Liſt. H. C. l. 4. S. 8. Tab. 632. Fig. 19.

This has a granulated ſuperficies, no bigger than *Poppy-ſeed*, it's equally waved with red and greeniſh, its baſe hollow, an inch over, and its height much the ſame. Mr *Charles Dell* firſt brought me this from the *Iſland Micowabi*, and I have ſince received it from *Batavia*.

33. *Concha Veneris* Michowaica, *typis quaſi Hebraicis delineata*. Concha Veneris *ponderoſa, longiuſcula & anguſtior, ventre ſubplano albicante, lateribus crebris maculis nigricantibus iiſque mediocribus diſtinctis, dorſo velut characteribus quibuſdam depicta* Liſt. H. C. l. 4. *Sect.* 9. *Tab.* 658. Fig. 3. *the* Hebrew Cowrie. S. B. 5. 33. Liſt. H. C. l. 4. S. 9. Tab. 658. Fig. 3.

I have received this from *Micowabi*, *Pulo Verara*, *Fort St George*, and other places in the *Eaſt Indies*; Mr *Barckley*, *Surgeon*, brought it me alſo from *Madagaſcar*. Theſe Shells differ very much, both in reſpect to their *magnitude* and *colour*, ſome being

being clouded with dark *Faſciæ*, others have a pale liſt the length of the Shell on one ſide, with whitiſh ſpots interſperſt amongſt the Characters. The length of the largeſt I have met with has been 4 inches, and 2 the leaſt.

S. B. 5. 34. Liſt. *H. C. l.* 4. *ſ.* 9. Tab. 660. *Fig.* 4.

34. *Concha Veneris* Madagaſcara *albeſcens, oblonga, lineolis punctata, extremitatibus croceis.* Concha Veneris *cinerea, ventre candido, utroque capite croceo, dorſo nigris lineolis & puncturis depicta* Liſt. *H. C.* l. 4. S. 9. *Tab.* 660. Fig. 4.

Mr Sylvanus Landon brought me this firſt from the *Iſland* of *Princes*, and *Mr Edward Bulkley* hath ſince ſent it me from *Fort St George*; but our worthy Patron *Dr Liſter* hath long ſince had them from *Madagaſcar* and the *Mauruſhia's*.

S. B. 5. 35. Gaz. *n.* Nat. *Tab.* 6. *Fig.* 8. Rond. *aq.* 103. *c.* 37. *Fig.* id. *Gall.* 68. *Fig. c.* 31. *Aldr. Bon.* Teſt. 555. *Fig.* id. *Fr.* 181. Tab. 17. *Fig.* 16. deſc. 183. *col.* 1. *l.* 41.

35. *Concha Veneris* Emuyaca *alba minor, levis, circulo* croceo *Gazoph.* noſt. *Nat.* Tab. 6. Fig. 8. Concha *Veneris* 4. Rond. *aquatil.* 102. c. 37. Fig. *id* Gallic. 68. *Fig.* c. 31. Aldr. *Bon.* Teſt. 555. Fig. *id.* Francof. 181. *Tab.* 17. Fig. 16. *deſcript.* p. 183. *col.* 1. lin. 41.

This differs from the *Guinea Gowrie* Muſ. *noſt.* 19. in being ſmooth, and having a ſaffron circle. The references therefore to *Rondeletius* (whoſe *Figure* and *deſcription* agrees very well with this) ought there to be left out, for I had not then ſeen this Shell.

Muſ. Petiv. 19. *S B.* 5. 36. *Liſt. H. C. l.* 4. *ſ.* 11. *Tab.* 803. *Fig.* xi.

36. *Perſicus* Batavicus *minor quin-dentibus dextris.* an *Buccinum* Perſicum *parvum, ſublividum, leviter ex fuſco* faſciatum *Liſt.* H. C. l. 4. *S.* xi. *Tab.* 803. Fig. 11.

This agrees with *Dr Liſters Figure* in ſhape and bigneſs.

S. B. 5. 37.

37. *Buccinum* Emuyacum *parvum, faſciis ſtriatis & nodoſis.*

Theſe are about an inch and ¹ *long*, and ¾ *broad*, ſome of theſe have Teeth deep within the Mouth, others on the Lips, and ſome none at all.

S. B. 5. 38. Imp. *Fig.* 686. *deſc.* 679. 4. *l.* 31. Col. *obſ. aq.* Fig. 60. deſc. 64 *c.* 33. Olear. *Tab.* 29. *Fig* 1. *Muſ.* Reg *ſ.* 129. 3. *lin.* 9. Liſt. *H. C.* 4 *ſ.* 13. *Tab* 902 *Fig.* 22 *Muſ.* Sibb. 154.

28. *Murex* Orientalis, *aculeis plurimis longiſſimis.* Purpura *echinata* Imperati *Ital.* Fig. 686. *deſc.* 679. 4 lin. 31. Purpura *clavata* ſive *Murex* parvus roſtratus *Col.* Obſ. *aq.* Fig. 60. Purpura *altera muricata* ſive *Murex* roſtratus parvus *Ejuſd.* 64. c. 33. Purpura *aculeis plicatis longiſſimis*, *or the* Purple Wilk with long plated ſpikes *Muſ. Regal.* Soc. 129. 3. lin. 9.

Buccinum *ampullaceum roſtratum ſtriatum, triplice ordine muricum exaſperatum* Liſt. *H. C.* l. 4. Sect. 13. *Tab.* 902. Fig. 22. Buccinum *ampullaceum faſcium roſtratum ſtriatum triplicidine muricum exaſperatum, apice mediocriter producto* Muſ. Sibbald.

bald. 154. 1. *lin.* 5. an *Purpura* aculeata *ſeu* Iſtrix marina *Bonan.* 150. *Fig.* 269. Sconciglio ſpinoſa *Neapolitanis.* *I. l.* 5. Bon. 150. *Fig.* 269.

Columna's *Figure* (moſt particularly) and the reſt, give that reſemblance of the Shell, that is not eaſily to be expreſt in words.

I have had this elegant Shell from 2 or 3 places in the *Eaſt Indies*, viz. *Malacca*, *Pulo Verara*, &c.

39. *Oxyrynchus* Batavicus *caſtaneus*, *faſciis albis*, *columella dentata.*

This is an inch and ½ *long* and ¼ inch *thick*, of a Cheſtnut colour, with three white girdles in the middle part, each end is pointed, and the columella or right lip is furrowed, its mouth ¾ long, and not a ¼ wide.

40. *Murex* Micowaicus *roſtro canulato faſciatus*, *plicis elatis rugoſis.* an *Buccinum roſtratum labro duplicato*, *ipſo ore exiguo rotundo*, *ſenis plicaturis ſtriatis deſcriptum* Liſt. H. C. l. 4. *Sect.* 14. Tab. 948. Fig. 43. *S. B.* 5. 40. *Liſt. H. C. l.* 4. *Tab.* 948. *Fig.* 43.

Mr Charles Dell brought me this firſt from *Micowabi*, and *Mr Edward Bulkley* hath ſince ſent it me from *Fort St George.*

41. *Bu-cochlea* Micowaica, *umbilicata*, *maculis ſubflavis*, *gyris alte inciſis.* *S. B.* 5. 41.

42. *Unicornu* Bengalenſe, *cancellatum*, *ore rotundo.* *S. B.* 5. 42.

About 2 inches *long*, and at the head one *broad*, it's compoſed of about 8 *twirles*, which are *lattic'd*, i. e. *both* ſtriated *and* faſciated.

I have receiv'd this both from *Bengale* and *Batavia.*